

What is Claimed is :**1) "BLOW MOLD SHELL WITH VOLUME INSERT SYSTEM**

FOR BLOWING MACHINE" characterized by the fact that it comprises a blow mold shell (M) of tubular shape, divided in
5 the longitudinal direction into individual parts (MF1 and MF2), each one of said parts having the shape of a cylindrical shell

2) "BLOW MOLD SHELL", according to claim 1,

characterized by the fact that the parts (MF1 and MF2) are
10 divided in the transversal direction into individual parts (M1, M2, M3, M4, M5, M6); parts (M1), (M3) and (M5) are supplementary, as well as parts (M2), (M4) and (M6); the supplementary parts are attached to each other by means of screws (P1); on the longitudinal ends of the supplementary
15 parts there are calibrated grooves (E1 and E2) of rectangular profile; there is also a locking device set between the supplementary parts of mold (M).

3) "BLOW MOLD SHELL", according to claims 1

and 2, characterized by the fact that the calibrated grooves
20 (E1 and E2) of the longitudinal ends of the supplementary parts of mold (M) have a rectangular profile, being geometrically opposed to each other.

4) "BLOW MOLD SHELL", according to claims 1

and 2, characterized by the fact that the locking device is
25 made up of pegs (C) hidden inside cavities of elongated shape positioned on parts of mold (M); pegs (C) are attached to parts of mold (M) by means of screws (P2).

5) "BLOW MOLD SHELL", according to claims 1

and 2, characterized by the fact that parts M3 and M4 are
30 removable or replaceable.

6) "BLOW MOLD SHELL", according to claim 1,

characterized by the fact that parts (MF1 and MF2) feature calibrated grooves to which are assembled form inserts (IF1, IF2 and IF3) also calibrated; between parts (MF1) and (MF2)

and the forms inserts (IF1), (IF2) and (IF3) there is a locking device.

5 7) "**BLOW MOLD SHELL**", according to claim 1, characterized by the fact that the locking device is made up of fixed pegs (CF) embedded in elongated shape cavities set on the mold parts (M); the fixed pegs (CF) are attached to the mold parts (M) by means of screws (P3).

10 8) "**BLOW MOLD SHELL**", according to claim 1, characterized by the fact that the locking device is made up of rotating pegs (CR) embedded in circular shape cavities set on the mold parts (M); the rotating pegs (CR) are attached to the mold parts (M) by means of screws (P3); the rotating pegs (CR) allow the assembly or removal of the form inserts (IF1, IF2 and IF3) without the need to completely remove said pegs.

15 9) "**BLOW MOLD SHELL**", according to claim 1, characterized by the fact that the form inserts (IF1, IF2 and IF3) are replaceable.